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(Modified) PTO/SB/21 (6-98)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|----------------------|------------------------|-------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing)<br>SEP 24 2001<br>PATENT & TRADEMARK OFFICE | Application Number   | 09/854,417             |             |
|   | Filing Date          | May 11, 2001           |             |
|   | First Named Inventor | Theo T. Nikiforov      |             |
|   | Group Art Unit       | 1645                   |             |
|   | Examiner Name        | Unassigned             |             |
| Total Number of Pages in This Submission  |                      | Attorney Docket Number | 01-054210US |

**ENCLOSURES (check all that apply)**

|  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form  | <input checked="" type="checkbox"/> Assignment Papers (copies, not for recording)<br>(for an Application)  | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input checked="" type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment / Response  | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input checked="" type="checkbox"/> Sequence Listing, diskette and statement accompanying Sequence Listing   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                   | <input type="checkbox"/> Petition to Convert to a Provisional Application  | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                   | <input checked="" type="checkbox"/> Power of Attorney and Statement Under 37 CFR 3.73(b)   | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):       |
| <input type="checkbox"/> Express Abandonment Request                                 | <input type="checkbox"/> Terminal Disclaimer   | Cover letter and receipt acknowledgment postcard   |
| <input type="checkbox"/> Information Disclosure Statement                            | <input type="checkbox"/> Small Entity Statement  |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                      | <input type="checkbox"/> Request for Refund  |  |
| <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application | <b>Authorization to Charge Deposit Account</b><br>Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed. |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53         | Remarks  |  |

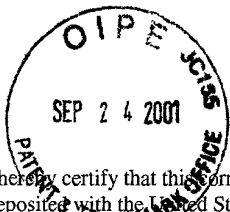
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |  |  |  |
|-------------------------|--|--|--|
| Firm or Individual name | Jonathan Alan Quine, Reg. No. 41,261, The Law Offices of Jonathan Alan Quine |  |  |
| Signature               |  |  |  |
| Date                    | September 19, 2001   |  |  |

**CERTIFICATE OF MAILING**

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|                       |                |      |                    |
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| Typed or printed name | Juliana Hermes |      |                    |
| Signature             |                | Date | September 19, 2001 |



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LAW OFFICES OF JONATHAN ALAN QUINE

By

Juliana Hermes  
Juliana Hermes

Attorney Docket No. 01-054210US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Theo T. Nikiforov et al.

Application No.: 09/854,417

Filed: May 11, 2001

For: **DETECTION OF NUCLEIC ACID  
HYBRIDIZATION BY FLUORESCENCE  
POLARIZATION**

Examiner: Unassigned

Art Unit: 1645

TRANSMITTAL LETTER - RESPONSE  
TO NOTICE OF MISSING PARTS

Attn: Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to the "Notice to File Missing Parts of Application - Filing Date  
Granted" dated July 19, 2001, enclosed are the following to be made of record in the above-  
identified application:

- 1) Executed Declaration
- 2) Power of Attorney and Certificate of Assignee Under 37 C.F.R. § 3.73(b)  
(+ copy of Assignment - not for recordation-note: The Assignment for  
recordation is being sent concurrently under separate cover to Box  
Assignment, pursuant to the MPEP @ Page 300-M and Form PTO-  
1619A)
- 3) Copy of Notice of Missing Parts
- 4) Sequence listing and diskette
- 5) Statement Accompanying Sequence Listing
- 6) Letter to Draftsperson
- 7) 21 Sheets of Formal Drawings

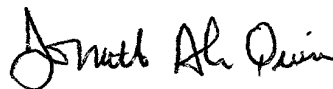
- 8) Transmittal Sheet
- 9) Receipt indication postcard

Please charge Deposit Account No. 50-0893 for the following fees:

|                                 |                                       |                  |
|---------------------------------|---------------------------------------|------------------|
| Large entity: (a)               | Filing Fee (§ 1.16(a)) (Large Entity) | \$ 710.00        |
| (b)                             | Excess Claims Fees (§ 1.16(b), (c)):  |                  |
|                                 | $52 - 20 = 32 \times 18 =$            | \$ 576.00        |
|                                 | $5 - 3 = 2 \times 80 =$               | \$ 160.00        |
| (c)                             | Missing Parts Surcharge               | \$ 130.00        |
| <b>TOTAL FEES TO BE CHARGED</b> |                                       | <b>\$1576.00</b> |

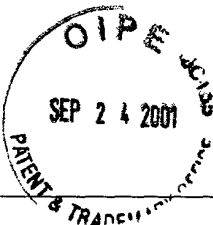
The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 50-0893. This Transmittal Letter is submitted in duplicate.

Respectfully submitted,



Jonathan Alan Quine, J.D., Ph.D.  
Reg. No. 41.261

LAW OFFICES OF JONATHAN ALAN QUINE  
P.O. BOX 458  
Alameda, CA 94501  
(510) 337-7871  
Fax (510) 337-7877



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Theo T. Nikiforov, et al.

Application No.: 09/854,417

Filed: May 11, 2001

Entitled: **DETECTION OF NUCLEIC ACID HYBRIDIZATION BY FLUORESCENCE  
POLARIZATION**

Caliper Technologies Corp.

, a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

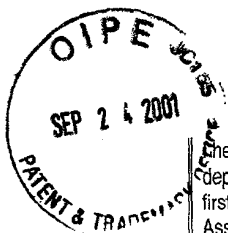
☐ Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/27/01  
Date

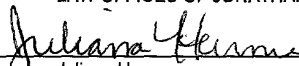
J. Wallace Parce  
Signature  
J. Wallace Parce  
Typed or printed name  
Vice President of Research  
Title



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Washington, D.C. 20231, on September 19, 2001

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By

  
Juliana Hermes

Attorney Docket No. 01-054210US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Theo T. Nikiforov, et al.

Examiner: Unassigned

Application No.: 09/854,417

Art Unit: 1645

Filed: May 11, 2001

LETTER TO OFFICIAL DRAFTSPERSON

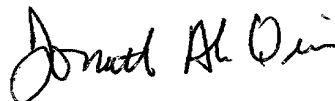
For: DETECTION OF NUCLEIC ACID  
HYBRIDIZATION BY  
FLUORESCENCE POLARIZATION

Attn:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant hereby submits 21 sheets of formal drawings to be made of record in  
the above-identified case.

Respectfully submitted,



Jonathan Alan Quine, J.D., Ph.D.  
Reg. No. 41.261

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